Fig. 1: $R-\alpha$ -Lipoic acid synthesis in E. coli

R-a-Lipoyl-ACP

R-a-Lipoyl-domain

Fig. 2: Activation and incorporation of free R- α -lipoic acid in *E. coli* by means of lipoyl protein ligase A

R-a-Lipoyl-AMP

R-a-Lipoyl-domain